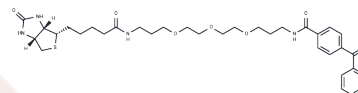


Biotin-PEG3-benzophenone

Chemical Properties

CAS No. :	756525-96-9
Formula:	C34H46N4O7S
Molecular Weight:	654.82
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Biotin-PEG3-benzophenone is a biotin-labeled benzophenone. Benzophenone serves as both an endogenous metabolite and a photosensitizer, implicated in DNA photodamage. It can lead to oxidation of nucleobases, formation of cyclobutane pyrimidine dimers, single-strand breaks, DNA-protein crosslinks, or abasic sites, potentially causing a variety of lesions in nucleosides, oligonucleotides, or DNA.
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5271 mL	7.6357 mL	15.2714 mL
5 mM	0.3054 mL	1.5271 mL	3.0543 mL
10 mM	0.1527 mL	0.7636 mL	1.5271 mL
50 mM	0.0305 mL	0.1527 mL	0.3054 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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